

## Environmental Hazards: Entity Types and Attributes

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<b>ENTITY TYPE NAME</b>	air_emissions_source_point				
<b>ENTITY CLASS NAME</b>	env_haz_air_pollution			<b>OBJECT TYPE</b>	Point
<b>DEFINITION</b>	A specific location where air emissions or air pollution originates.				
<b>Attributes</b>					
airasp_id	airpolo_id	comments	coord_id	datalink	facil_id
feat_desc	hazsite_id	instln_id	map_id	media_id	meta_id
sam_pt_id	user_flag				
<b>ENTITY TYPE NAME</b>	air_pollution_isoline_area				
<b>ENTITY CLASS NAME</b>	env_haz_air_pollution			<b>OBJECT TYPE</b>	G/GT Polygon
<b>DEFINITION</b>	Line on either a two or three dimensional plane in the air which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).				
<b>Attributes</b>					
airiso_id	area_size	area_u_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazsite_id	instln_id
map_id	media_id	meta_id	parlabel_d	parval	perim_u_d
perimeter	pval uom_d				
<b>ENTITY TYPE NAME</b>	air_pollution_plume_area				
<b>ENTITY CLASS NAME</b>	env_haz_air_pollution			<b>OBJECT TYPE</b>	G/GT Polygon
<b>DEFINITION</b>	Line on either a two or three dimensional plane in the air which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.				
<b>Attributes</b>					
airplu_id	area_size	area_u_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazsite_id	instln_id
map_id	media_id	meta_id	parlabel_d	parval	perim_u_d
perimeter	plume_d	pmatrix_d	pval uom_d		
<b>ENTITY TYPE NAME</b>	air_pollution_source_site				
<b>ENTITY CLASS NAME</b>	env_haz_air_pollution			<b>OBJECT TYPE</b>	Point/Polygon
<b>DEFINITION</b>	A defined area where air emissions or air pollution originates.				

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### Attributes

airpolo_id	area_size	area_u_d	comments	coord_id	datalink
hazsite_id	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	sam_pt_id				

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**ENTITY TYPE NAME** air\_quality\_monitoring\_station\_point

**ENTITY CLASS NAME** env\_haz\_characterization **OBJECT TYPE** Point

**DEFINITION** Equipment installed at a predetermined location for the automatic or manual periodic collection of environmental air samples.

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### Attributes

buildng_id	chamst_id	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id
sam_pt_id					

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**ENTITY TYPE NAME** ash\_monofill\_area

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management **OBJECT TYPE** G/GT Polygon

**DEFINITION** Receptacle where residue from an incinerator or similar combustion process is placed.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id
perim_u_d	perimeter	swmamo_id			

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**ENTITY TYPE NAME** biological\_warfare\_waste\_area

**ENTITY CLASS NAME** env\_haz\_munitions\_remediation **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where biological warfare waste residues are present or buried in the water, soil, or sediment.

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### Attributes

area_size	area_u_d	biowar_d	comments	coord_id	datalink
ehaoe_id	ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	mrbww_id
perim_u_d	perimeter	pmatrix1_d	pmatrix2_d	pol_src_d	rem_req_d
rem_urg_d	remtype_d				

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**ENTITY TYPE NAME** building\_environmental\_hazard\_site

**ENTITY CLASS NAME** env\_haz\_bldg\_hazard\_remediation **OBJECT TYPE** Point/Polygon

**DEFINITION** Site of building or structure which contains one or more building environmental hazards.

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### Attributes

area_size	area_u_d	bdhbdh_id	buildng_id	comments	coord_id
datalink	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter	survey_id	

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**ENTITY TYPE NAME** chemical\_warfare\_waste\_area

**ENTITY CLASS NAME** env\_haz\_munitions\_remediation      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where chemical warfare waste residues are present or buried in the water, soil, or sediment.

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### Attributes

area_size	area_u_d	chemwar_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	mrmcw_id
perim_u_d	perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d

---

**ENTITY TYPE NAME** chemical\_waste\_polluted\_air\_area

**ENTITY CLASS NAME** env\_haz\_air\_pollution      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where chemical waste residues are present in the air at concentrations considered to be detrimental to the environment.

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### Attributes

airche_id	area_size	area_u_d	chemcat_d	comments	coord_id
datalink	date_found	ehaoc_id	ehzone_id	facil_id	grid_value
hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id	media_id
meta_id	perim_u_d	perimeter	pol_desc	pol_num	pol_src_d
rel_typ_d	rem_req_d	rem_urg_d	remtype_d	severity_d	src_desc
tox_stt_d					

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**ENTITY TYPE NAME** chemical\_waste\_polluted\_groundwater\_area

**ENTITY CLASS NAME** env\_haz\_groundwater\_pollution      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where chemical waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	cause_d	chemcat_d	comments	coord_id
datalink	date_found	ehaoc_id	ehzone_id	facil_id	grid_value
gwtche_id	hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter	pol_desc	pol_num
pol_src_d	rel_typ_d	rem_req_d	rem_urg_d	remtype_d	severity_d
src_desc	tox_stt_d				

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**ENTITY TYPE NAME** chemical\_waste\_polluted\_sediment\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where chemical waste residues are present in the sediment at concentrations considered to be detrimental to the environment.

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### Attributes

area_size	area_u_d	cause_d	chemcat_d	comments	coord_id
datalink	date_found	ehaoc_id	ehzone_id	facil_id	grid_value
hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id	media_id
meta_id	perim_u_d	perimeter	pol_desc	pol_num	pol_src_d
rel_typ_d	rem_req_d	rem_urg_d	remtype_d	sedche_id	severity_d
src_desc	tox_stt_d				

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**ENTITY TYPE NAME** chemical\_waste\_polluted\_soil\_area

**ENTITY CLASS NAME** env\_haz\_soil\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where chemical waste residues are present in the soil at concentrations considered to be detrimental to the environment.

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### Attributes

area_size	area_u_d	cause_d	chemcat_d	comments	coord_id
datalink	date_found	ehaoc_id	ehzone_id	facil_id	grid_value
hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id	media_id
meta_id	perim_u_d	perimeter	pol_desc	pol_num	pol_src_d
rel_typ_d	rem_req_d	rem_urg_d	remtype_d	severity_d	soiche_id
src_desc	tox_stt_d				

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**ENTITY TYPE NAME** chemical\_waste\_polluted\_surface\_water\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where chemical waste residues are present in the surface water at concentrations considered to be detrimental to the environment.

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	cause_d	chemcat_d	comments	coord_id
datalink	date_found	ehaoc_id	ehzone_id	facil_id	grid_value
hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id	media_id
meta_id	perim_u_d	perimeter	pol_desc	pol_num	pol_src_d
rel_typ_d	rem_req_d	rem_urg_d	remtype_d	severity_d	src_desc
swtche_id	tox_stt_d				

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**ENTITY TYPE NAME** contained\_hazmat\_storage\_area

**ENTITY CLASS NAME** env\_haz\_hazmat\_hazwaste\_manage      **OBJECT TYPE** G/GT Polygon

**DEFINITION** A defined or bounded geographical area designated and used for the storage of contained hazardous materials.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazmat_id	hmarea_id	hsb_cat_d	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter		

---

**ENTITY TYPE NAME** contained\_hazmat\_storage\_building\_point

**ENTITY CLASS NAME** env\_haz\_hazmat\_hazwaste\_manage      **OBJECT TYPE** Point

**DEFINITION** The location of a building designated for the storage of contained hazardous materials.

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### Attributes

buildng_id	comments	coord_id	datalink	facil_id	grid_value
hazmat_id	hmbuild_id	instln_id	map_id	media_id	meta_id

---

**ENTITY TYPE NAME** contained\_hazwaste\_storage\_area

**ENTITY CLASS NAME** env\_haz\_hazmat\_hazwaste\_manage      **OBJECT TYPE** G/GT Polygon

**DEFINITION** A defined or bounded geographical area designated and used for the storage of contained hazardous waste.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	hazsto_id	hsb_cat_d	hwarea_id	instln_id
map_id	media_id	meta_id	perim_u_d	perimeter	

---

**ENTITY TYPE NAME** contained\_hazwaste\_storage\_building\_point

**ENTITY CLASS NAME** env\_haz\_hazmat\_hazwaste\_manage      **OBJECT TYPE** Point

**DEFINITION** A building or structure which is designated and used for the storage of contained hazardous waste.

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

buildng_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	hazsto_id	hsb_cat_d	hwbuild_id	instln_id	map_id
media_id	meta_id				

---

**ENTITY TYPE NAME** contained\_pcb

**ENTITY CLASS NAME** env\_haz\_hazmat\_hazwaste\_manage      **OBJECT TYPE** Point

**DEFINITION** The location of contained polychlorinated biphenyls (e.g., electrical transformers, etc.).

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### Attributes

comments	coord_id	datalink	hazsite_id	instln_id	map_id
media_id	meta_id	pcb_id			

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**ENTITY TYPE NAME** contamination\_reduction\_zone\_area

**ENTITY CLASS NAME** env\_haz\_general      **OBJECT TYPE** G/GT Polygon

**DEFINITION** A designated area where contaminants are removed from workers, and equipment prior to their exit from a polluted site..

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
genrcz_id	grid_value	hazproj_id	hazsite_id	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter		

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**ENTITY TYPE NAME** decontamination\_line

**ENTITY CLASS NAME** env\_haz\_general      **OBJECT TYPE** String/Chain

**DEFINITION** A line located within the contamination reduction zone where workers and equipment progress for sequential cleaning and removal of contaminants.

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### Attributes

comments	coord_id	datalink	facil_id	frcoord_id	gendcl_id
grid_value	hazproj_id	hazsite_id	instln_id	map_id	media_id
meta_id	tocoord_id				

---

**ENTITY TYPE NAME** dod\_formerly\_used\_defense\_site

**ENTITY CLASS NAME** env\_haz\_site\_management      **OBJECT TYPE** Point/Polygon

**DEFINITION** A site which was formerly owned or used by the Department of Defense which has been identified for assessment/investigation/remediation under the Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS)..

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	bd_dr_d	catecl_d	city	comments
con_htrw_d	coord_id	county	csitename	curowndesc	datalink
epa_desig	epa3016_d	exdiv_d	facil_id	fdecomp	formername
fserve_d	geofoa_d	grid_value	haz_fd_d	hazsite_id	htrw_d
ineligib_d	inprstat_d	instln_id	latitude	longitude	map_id
media_id	meta_id	nofa_d	nplname	nplsite_d	oew_d
oewcsm_d	owner_d	perim_u_d	perimeter	project_d	prp_htrw_d
sitel_d	sitename	sitfud_id	state_d	zipcode	

---

**ENTITY TYPE NAME**    **dod\_installation\_restoration\_program\_site**

**ENTITY CLASS NAME**    env\_haz\_site\_management

**OBJECT TYPE**    Point/Polygon

**DEFINITION**    A site currently owned or used by the Department of Defense which has been identified for investigation/remediation under the Installation Restoration Program (IRP).

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### Attributes

area_size	area_u_d	auth_d	comments	coord_id	datalink
date_found	depth_wat	epa_desig	facil_id	grid_value	hazsite_id
hrs_score	instln_id	latitude	longitude	map_id	media_d
media_id	meta_id	perim_u_d	perimeter	pollute_id	site_desc
site_name	site_num	sitirp_id	user_flag		

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**ENTITY TYPE NAME**    **dod\_other\_environmental\_hazards\_site**

**ENTITY CLASS NAME**    env\_haz\_site\_management

**OBJECT TYPE**    Point/Polygon

**DEFINITION**    A department of defense (dod) owned or used site area with known environmental hazards which is not separately identified.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	dod_cat_d
epa_desig	facil_id	grid_value	hazsite_id	instln_id	latitude
longitude	map_id	media_id	meta_id	perim_u_d	perimeter
sitdod_id	sitename				

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**ENTITY TYPE NAME**    **emergency\_eyewash\_point**

**ENTITY CLASS NAME**    env\_haz\_emergency\_preparedness

**OBJECT TYPE**    Point

**DEFINITION**    A fixture or apparatus whose purpose is to flush the eyes of workers with potable water in the event of an accident.

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

buildng_id	comments	coord_id	datalink	empeme_id	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id

---

**ENTITY TYPE NAME** emergency\_shower\_point

**ENTITY CLASS NAME** env\_haz\_emergency\_preparedness **OBJECT TYPE** Point

**DEFINITION** A fixture or apparatus whose purpose is to apply potable water to the entire body of workers in the event of an accident.

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### Attributes

buildng_id	comments	coord_id	datalink	empems_id	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id

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**ENTITY TYPE NAME** equipment\_decontamination\_pad\_point

**ENTITY CLASS NAME** env\_haz\_general **OBJECT TYPE** Point

**DEFINITION** A designated area or structure located within the contamination reduction zone where large equipment is cleaned and decontaminated.

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### Attributes

comments	datalink	facil_id	genedp_id	grid_value	hazproj_id
hazsite_id	instln_id	map_id	media_id	meta_id	

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**ENTITY TYPE NAME** field\_sample\_collection\_location\_point

**ENTITY CLASS NAME** env\_haz\_characterization **OBJECT TYPE** Point

**DEFINITION** The physical location at which one or more environmental hazards field samples are collected.

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### Attributes

comments	cond_d	contrct_id	coord_id	datalink	date_last
dispostn_d	do_id	ecoord	estcomp_id	estdate	facil_id
grid_value	hazproj_id	hazsite_id	instln_id	loc_meth_d	localias
locdesc	locid	lprcode_d	ltccode_d	map_id	media_id
meta_id	ncoord	own_stat_d	owner_d	owner_ty_d	sam_pt_id
spt_d	user_flag				

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**ENTITY TYPE NAME** groundwater\_pollution\_isoline\_area

**ENTITY CLASS NAME** env\_haz\_groundwater\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the groundwater which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	gwtiso_id	hazsite_id	instln_id
map_id	media_id	meta_id	parlabel_d	parval	perim_u_d
perimeter	pval_uom_d				

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**ENTITY TYPE NAME** groundwater\_pollution\_plume\_area

**ENTITY CLASS NAME** env\_haz\_groundwater\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the groundwater which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	gwtplu_id	hazsite_id	instln_id
map_id	media_id	meta_id	parlabel_d	parval	perim_u_d
perimeter	plume_d	pmatrix_d	pval_uom_d		

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**ENTITY TYPE NAME** groundwater\_quality\_monitoring\_station\_point

**ENTITY CLASS NAME** env\_haz\_characterization **OBJECT TYPE** Point

**DEFINITION** Equipment installed at a predetermined location for the automatic or manual periodic collection of environmental groundwater samples.

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### Attributes

chagwm_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	sam_pt_id

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**ENTITY TYPE NAME** hazardous\_materiels\_storage\_area

**ENTITY CLASS NAME** env\_haz\_hazmat\_hazwaste\_manage **OBJECT TYPE** G/GT Polygon

**DEFINITION** A defined area designated for the storage of contained hazardous materiels.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazmat_id	hmarea_id	hsb_cat_d	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter		

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<b>ENTITY TYPE NAME</b>	hazardous_materiels_storage_room											
<b>ENTITY CLASS NAME</b>	env_haz_hazmat_hazwaste_manage		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	The location of a room designated for the storage of contained hazardous materiels.											
<b>Attributes</b>												
buildng_id comments coord_id datalink facil_id grid_value												
hazmat_id	hmbuild_id	hmroom_id	instln_id	map_id	media_id							
meta_id												
<b>ENTITY TYPE NAME</b>	hazardous_materiels_storage_vault											
<b>ENTITY CLASS NAME</b>	env_haz_hazmat_hazwaste_manage		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	The location of a secured vault or cabinet designated for the storage of contained hazardous materiels.											
<b>Attributes</b>												
buildng_id	comments	coord_id	datalink	hazmat_id	hmbuild_id							
hmvault_id	instln_id	map_id	media_id	meta_id								
<b>ENTITY TYPE NAME</b>	hazardous_waste_disposal_area											
<b>ENTITY CLASS NAME</b>	env_haz_general_pollution		<b>OBJECT TYPE</b>	G/GT Polygon								
<b>DEFINITION</b>	A location where hazardous waste has been disposed of (e.g., pit, buried drums, etc.).											
<b>Attributes</b>												
area_size	area_u_d	comments	coord_id	datalink	facil_id							
grid_value	hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id							
media_id	meta_id	perim_u_d	perimeter	pol_src_d	polhwd_id							
rem_req_d	rem_urg_d	remtype_d										
<b>ENTITY TYPE NAME</b>	hazardous_waste_storage_room											
<b>ENTITY CLASS NAME</b>	env_haz_hazmat_hazwaste_manage		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	The location of a room designated for the storage of contained hazardous waste.											
<b>Attributes</b>												
buildng_id	comments	coord_id	datalink	facil_id	grid_value							
hazsto_id	hwbuild_id	hwroom_id	instln_id	map_id	media_id							
meta_id												

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<b>ENTITY TYPE NAME</b>	hazardous_waste_storage_vault						
<b>ENTITY CLASS NAME</b>	env_haz_hazmat_hazwaste_manage		<b>OBJECT TYPE</b>	Point			
<b>DEFINITION</b>	The location of a secured vault or cabinet designated for the storage of contained hazardous waste.						
<b>Attributes</b>							
buildng_id	comments	coord_id	datalink	hazsto_id	hwbuild_id		
hwvault_id	instln_id	map_id	media_id	meta_id			
<b>ENTITY TYPE NAME</b>	hazards_exclusion_zone_area						
<b>ENTITY CLASS NAME</b>	env_haz_general		<b>OBJECT TYPE</b>	G/GT Polygon			
<b>DEFINITION</b>	A designated area which contains contaminants at concentrations considered hazardous for personnel or workers not wearing personal protection equipment.						
<b>Attributes</b>							
area_size	area_u_d	comments	coord_id	datalink	facil_id		
genexz_id	grid_value	hazproj_id	hazsite_id	instln_id	map_id		
media_id	meta_id	perim_u_d	perimeter				
<b>ENTITY TYPE NAME</b>	hazards_onsite_command_post_point						
<b>ENTITY CLASS NAME</b>	env_haz_general		<b>OBJECT TYPE</b>	Point			
<b>DEFINITION</b>	An onsite (usually temporary) building, structure, or area where environmental hazard investigation, response, or remediation activities are coordinated and managed.						
<b>Attributes</b>							
bldg_elev	building_l	building_w	buildng_id	comments	cond_d		
coord_id	datalink	date_acqrd	date_instl	date_last	dim_u_d		
dispostn_d	elv_u_d	facil_id	genocp_id	grid_value	hazproj_id		
hazsite_id	instln_id	map_id	media_id	meta_id	own_stat_d		
owner_d	owner_ty_d						
<b>ENTITY TYPE NAME</b>	hazards_operable_unit_area						
<b>ENTITY CLASS NAME</b>	env_haz_pollution_remediation		<b>OBJECT TYPE</b>	G/GT Polygon			
<b>DEFINITION</b>	One or more areas possessing environmental contamination characteristics which are amenable to the same type of remediation, treatment, or management procedure.						
<b>Attributes</b>							
area_size	area_u_d	comments	hazsite_id	instln_id	media_id		
meta_id	perim_u_d	perimeter	remopu_id				

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<b>ENTITY TYPE NAME</b>	hazards_potential_concern_site				
<b>ENTITY CLASS NAME</b>	env_haz_site_management				<b>OBJECT TYPE</b> Point/Polygon

**DEFINITION** A site of suspected environmental contamination.

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### Attributes

area_size	area_u_d	buildng_id	cause_d	comments	coord_id
datalink	date_found	ehazcat_d	facil_id	grid_value	hazsite_id
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	rel_typ_d	rem_req_d	rem_urg_d	severity_d	sitaoc_id
src_desc	tox_stt_d				

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<b>ENTITY TYPE NAME</b>	hazards_potential_release_point				
<b>ENTITY CLASS NAME</b>	env_haz_emergency_preparedness				<b>OBJECT TYPE</b> Point

**DEFINITION** Location of an item which has been identified as a potential spill, emission, or pollution release source.

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### Attributes

buildng_id	comments	coord_id	datalink	empprl_id	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id

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<b>ENTITY TYPE NAME</b>	hazards_remediation_excavation_area				
<b>ENTITY CLASS NAME</b>	env_haz_pollution_remediation				<b>OBJECT TYPE</b> G/GT Polygon

**DEFINITION** The area where contaminated soil, buried drums, buried tanks, etc. are to be, or have been, excavated and removed.

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id
perim_u_d	perimeter	remexa_id			

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<b>ENTITY TYPE NAME</b>	hazards_seasonal_restriction_area				
<b>ENTITY CLASS NAME</b>	env_haz_general				<b>OBJECT TYPE</b> G/GT Polygon

**DEFINITION** An area where access is restricted due to environmental hazards or safety reasons.

---

## Environmental Hazards: Entity Types and Attributes

---

### Attributes

alift_date	app_agency	appr_date	area_size	area_u_d	comments
cond_d	coord_id	datalink	date_last	dim_u_d	dispostn_d
elv_u_d	facil_id	gensra_id	grid_value	hazproj_id	hazsite_id
insti_date	instln_id	man_agency	map_id	media_id	meta_id
observ_id	own_stat_d	owner_d	owner_ty_d	per_type	perim_u_d
perimeter	person_d	plift_date	powner_s_d	prev_owner	rea_unsafe
zone_arc	zone_helev	zone_lelev	zone_lengt	zone_name	zone_use
zone_width					

---

**ENTITY TYPE NAME** hazards\_site\_information\_center\_point

**ENTITY CLASS NAME** env\_haz\_general **OBJECT TYPE** Point

**DEFINITION** An onsite (usually temporary) building, structure, or area where information concerning an environmental hazard investigation, response, or remediation activity is maintained for review or dissemination to the public and visitors.

### Attributes

bldg_elev	building_l	building_w	buildng_id	comments	cond_d
coord_id	datalink	date_acqr	date_instl	date_last	dim_u_d
dispostn_d	elv_u_d	facil_id	gensic_id	grid_value	hazproj_id
hazsite_id	instln_id	map_id	media_id	meta_id	own_stat_d
owner_d	owner_ty_d				

---

**ENTITY TYPE NAME** hazards\_staging\_area

**ENTITY CLASS NAME** env\_haz\_general **OBJECT TYPE** G/GT Polygon

**DEFINITION** A designated area outside the contamination reduction zone where environmental hazard investigation, response, or remediation equipment is assembled, stored, or maintained.

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
gensga_id	grid_value	hazproj_id	hazsite_id	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter		

---

**ENTITY TYPE NAME** hazards\_support\_zone\_area

**ENTITY CLASS NAME** env\_haz\_general **OBJECT TYPE** G/GT Polygon

**DEFINITION** A designated area outside the contamination reduction zone where environmental hazard investigation, response, or remediation support operations take place.

## Environmental Hazards: Entity Types and Attributes

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
gensuz_id	grid_value	hazproj_id	hazsite_id	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter		

---

**ENTITY TYPE NAME** hazards\_temporary\_stockpile\_area

**ENTITY CLASS NAME** env\_haz\_pollution\_remediation      **OBJECT TYPE** G/GT Polygon

**DEFINITION** A designated area for the temporary stockpiling of contaminated soil.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id
perim_u_d	perimeter	remtsa_id			

---

**ENTITY TYPE NAME** landfill\_cell\_area

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Excavated or constructed receptacle used for the disposal of solid waste.

---

### Attributes

area_size	area_u_d	bot_elev	celclas_d	cell_depth	cell_lengt
cell_width	celldis_d	celltype_d	cfill_rate	cliner_d	comments
contrct_id	coord_id	cpcent_full	cwaste_vol	datalink	date_instl
date_last	dcovermt_d	dens_u_d	dim_u_d	dwaste_den	elv_u_d
facil_id	fcoverden	fcoveredept	fcovermt_d	fnlcover_d	gas_col_d
grid_value	ground_el	hazsite_id	instln_id	landf_den	lea_col_d
linermat_d	lmodel_no	manuf_id	map_id	media_id	meta_id
perim_u_d	perimeter	rate_u_d	swcratio	swmell_id	swmlfl_id
top_elev	user_flag				

---

**ENTITY TYPE NAME** landfill\_collection\_pipe\_line

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** String/Chain

**DEFINITION** Pipe for capturing and conveyance of landfill leachate and/or gas to a location for treatment or management.

---

## Environmental Hazards: Entity Types and Attributes

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### Attributes

comments	cond_d	contrct_id	coord_id	cop_type_d	datalink
date_acqrd	date_instl	date_last	dim_u_d	dispostn_d	drng_pat_d
drng_tx_d	elv_u_d	facil_id	frcoord_id	grid_value	hazsite_id
instln_id	inv_elv_1	inv_elv_2	manuf_id	map_id	mat_d
mat_std_d	media_id	meta_id	model_no	own_stat_d	owner_d
owner_ty_d	perf_dia	perforat_d	perfspace	pipe_lgth	size_d
slope_bot	slope_u_d	std_class	swmcop_id	tocoord_id	uom_dia_d
uom_spac_d	user_flag				

---

**ENTITY TYPE NAME** **landfill\_gas\_collection\_well\_point**

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management **OBJECT TYPE** Point

**DEFINITION** Shaft drilled in the earth for the purpose of collecting and conveying gas from underneath a landfill to the ground's surface.

### Attributes

comments	coord_id	datalink	facil_id	grid_value	hazsite_id
instln_id	map_id	media_id	meta_id	swmgcw_id	

---

**ENTITY TYPE NAME** **landfill\_gas\_flare\_station\_point**

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management **OBJECT TYPE** Point

**DEFINITION** Device creating a vacuum on the gas collection system bringing the collected gas to a flare where it can be safely combusted.

### Attributes

buildng_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	swmgfl_id

---

**ENTITY TYPE NAME** **landfill\_gas\_monitoring\_probe\_point**

**ENTITY CLASS NAME** env\_haz\_characterization **OBJECT TYPE** Point

**DEFINITION** Shaft placed along the perimeter of a landfill, in native soil, to detect escaping gas before it poses a threat to the adjacent environment.

### Attributes

chagmp_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	sam_pt_id

## Environmental Hazards: Entity Types and Attributes

---

<b>ENTITY TYPE NAME</b>	<b>landfill_gas_transport_compressor_point</b>											
<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	Device for introducing pressurized air into a landfill gas collection system for the purpose of conveying collected gas to a gas flare station.											
<hr/>												
<b>Attributes</b>												
buildng_id	comments	coord_id	datalink	facil_id	grid_value							
hazsite_id	instln_id	map_id	media_id	meta_id	swmgtc_id							
<hr/>												
<b>ENTITY TYPE NAME</b>	<b>landfill_gas_treatment_plant_point</b>											
<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	Device or equipment used to reduce contaminants in landfill gas to acceptable levels prior to discharge to the gas flare or environment.											
<hr/>												
<b>Attributes</b>												
buildng_id	comments	coord_id	datalink	facil_id	grid_value							
hazsite_id	instln_id	map_id	media_id	meta_id	swmgtp_id							
<hr/>												
<b>ENTITY TYPE NAME</b>	<b>landfill_leachate_collection_sump_point</b>											
<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	Receptacle receiving landfill leachate collected by collection piping.											
<hr/>												
<b>Attributes</b>												
comments	coord_id	datalink	facil_id	grid_value	hazsite_id							
instln_id	map_id	media_id	meta_id	swmlcs_id								
<hr/>												
<b>ENTITY TYPE NAME</b>	<b>landfill_leachate_pump_point</b>											
<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.											
<hr/>												
<b>Attributes</b>												
buildng_id	comments	datalink	facil_id	grid_value	hazsite_id							
instln_id	map_id	media_id	meta_id	swmlep_id								
<hr/>												
<b>ENTITY TYPE NAME</b>	<b>landfill_leachate_treatment_plant_point</b>											
<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	Device or equipment used to reduce contaminants in landfill leachate to acceptable levels prior to discharge to the environment or disposal.											
<hr/>												

## Environmental Hazards: Entity Types and Attributes

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### Attributes

buildng_id	comments	datalink	facil_id	grid_value	hazsite_id
instln_id	map_id	media_id	meta_id	swmltp_id	

---

**ENTITY TYPE NAME** **landfill\_runoff\_drain\_line**

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** String/Chain

**DEFINITION** Ditch or piping system used for collecting and transporting landfill surface drainage to a monitoring and control location.

---

### Attributes

comments	coord_id	datalink	facil_id	frcoord_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	swmlrd_id
tocoord_id					

---

**ENTITY TYPE NAME** **landfill\_runoff\_retention\_area**

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Receptacle or reservoir where landfill surface runoff is collected and sampled to determine environmental quality prior to disposal or discharge to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id
perim_u_d	perimeter	swmrra_id			

---

**ENTITY TYPE NAME** **landfill\_transport\_pipe\_line**

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** String/Chain

**DEFINITION** Piping system for conveying pumped or pressurized landfill gas and/or leachate from a compressor or pump to a treatment system, gas flare station, or collection receptacle.

---

### Attributes

comments	coord_id	datalink	facil_id	frcoord_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	swmtrp_id
tocoord_id					

---

**ENTITY TYPE NAME** **magnetometer\_detection\_point**

**ENTITY CLASS NAME** env\_haz\_characterization      **OBJECT TYPE** Point

**DEFINITION** Location where the possible presence of subsurface munitions, tanks, drums, and other features are detected using a magnetometer or similar instrument.

---

## Environmental Hazards: Entity Types and Attributes

---

### Attributes

chamag_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	instln_id	mag_cat_d	map_id	media_id	meta_id

---

**ENTITY TYPE NAME** medical\_waste\_polluted\_air\_area

**ENTITY CLASS NAME** env\_haz\_air\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where medical waste residues are present in the air at concentrations considered to be detrimental to the environment.

---

### Attributes

airmed_id	area_size	area_u_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	medcat_d	media_id	meta_id
perim_u_d	perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d

---

**ENTITY TYPE NAME** medical\_waste\_polluted\_groundwater\_area

**ENTITY CLASS NAME** env\_haz\_groundwater\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where medical waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	gwtmed_id	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	medcat_d	media_id	meta_id
perim_u_d	perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d

---

**ENTITY TYPE NAME** medical\_waste\_polluted\_sediment\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where medical waste residues are present in the sediment at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	medcat_d	media_id	meta_id	perim_u_d
perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d	sedmed_id

## Environmental Hazards: Entity Types and Attributes

---

**ENTITY TYPE NAME** medical\_waste\_polluted\_soil\_area

**ENTITY CLASS NAME** env\_haz\_soil\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where medical waste residues are present in the soil at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	medcat_d	media_id	meta_id	perim_u_d
perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d	soimed_id

---

**ENTITY TYPE NAME** medical\_waste\_polluted\_surface\_water\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where medical waste residues are present in the surface water at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	medcat_d	media_id	meta_id	perim_u_d
perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d	swtmed_id

---

**ENTITY TYPE NAME** mixed\_waste\_polluted\_air\_area

**ENTITY CLASS NAME** env\_haz\_air\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where mixed (i.e. radioactive & chemical) waste residues are present in the air at concentrations considered to be detrimental to the environment.

---

### Attributes

airmix_id	area_size	area_u_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d	

---

**ENTITY TYPE NAME** mixed\_waste\_polluted\_groundwater\_area

**ENTITY CLASS NAME** env\_haz\_groundwater\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where mixed (i.e. radioactive & chemical) waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.

---

## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	gwtmix_id	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	pol_src_d	rem_req_d	rem_urg_d	remtype_d	

---

**ENTITY TYPE NAME** mixed\_waste\_polluted\_sediment\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where mixed (i.e. radioactive & chemical) waste residues are present in the sediment at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	rem_req_d	rem_urg_d	remtype_d	sedmix_id	

---

**ENTITY TYPE NAME** mixed\_waste\_polluted\_soil\_area

**ENTITY CLASS NAME** env\_haz\_soil\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where mixed (i.e. radioactive & chemical) waste residues are present in the soil at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	rem_req_d	rem_urg_d	remtype_d	soimix_id	

---

**ENTITY TYPE NAME** mixed\_waste\_polluted\_surface\_water\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where mixed (i.e. radioactive & chemical) waste residues are present in the surface water at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	rem_req_d	rem_urg_d	remtype_d	swtmix_id	

## Environmental Hazards: Entity Types and Attributes

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<b>ENTITY TYPE NAME</b>	munition_waste_disposal_area				
<b>ENTITY CLASS NAME</b>	env_haz_munitions_remediation				<b>OBJECT TYPE</b> G/GT Polygon
<b>DEFINITION</b>	Location where munitions waste (conventional, chemical, or biological) has been disposed of (e.g., pit, buried containers, etc.).				

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id
media_id	meta_id	mrmmwd_id	perim_u_d	perimeter	pol_src_d
rem_req_d	rem_urg_d	remtype_d			

---

<b>ENTITY TYPE NAME</b>	ordnance_explosive_waste_area				
<b>ENTITY CLASS NAME</b>	env_haz_munitions_remediation				<b>OBJECT TYPE</b> G/GT Polygon
<b>DEFINITION</b>	Area where ordnance and explosive waste residues are present or buried in the water, soil, or sediment.				

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	expmat_d	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	mrmoeu_id
perim_u_d	perimeter	pmatrix1_d	pmatrix2_d	pol_src_d	rem_req_d
rem_urg_d	remtype_d				

---

<b>ENTITY TYPE NAME</b>	petroleum_waste_polluted_air_area				
<b>ENTITY CLASS NAME</b>	env_haz_air_pollution				<b>OBJECT TYPE</b> G/GT Polygon
<b>DEFINITION</b>	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the air.				

---

### Attributes

airpet_id	area_size	area_u_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	petrocat_d	pol_src_d	rem_req_d	rem_urg_d	remtype_d

---

<b>ENTITY TYPE NAME</b>	petroleum_waste_polluted_groundwater_area				
<b>ENTITY CLASS NAME</b>	env_haz_groundwater_pollution				<b>OBJECT TYPE</b> G/GT Polygon
<b>DEFINITION</b>	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the groundwater.				

---

## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	gwtpet_id	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	petrocat_d	pol_src_d	rem_req_d	rem_urg_d	remtype_d

---

**ENTITY TYPE NAME** petroleum\_waste\_polluted\_sediment\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the sediment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
petrocat_d	pol_src_d	rem_req_d	rem_urg_d	remtype_d	sedpet_id

---

**ENTITY TYPE NAME** petroleum\_waste\_polluted\_soil\_area

**ENTITY CLASS NAME** env\_haz\_soil\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where waste product residues composed of petroleum based fuels, lubricants, or products are present or buried in the soil.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
petrocat_d	pol_src_d	rem_req_d	rem_urg_d	remtype_d	soipet_id

---

**ENTITY TYPE NAME** petroleum\_waste\_polluted\_surface\_water\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the surface water.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
petrocat_d	pol_src_d	rem_req_d	rem_urg_d	remtype_d	swtpet_id

## Environmental Hazards: Entity Types and Attributes

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<b>ENTITY TYPE NAME</b>	<b>polluted_area_of_concern</b>	
<b>ENTITY CLASS NAME</b>	env_haz_general_pollution	<b>OBJECT TYPE</b> G/GT Polygon

**DEFINITION** The defined area of a polluted area of concern located within an environmental hazards site.

---

### Attributes

aoc_name	area_size	area_u_d	comments	ehaoc_id	facil_id
grid_value	hazsite_id	instln_id	media_id	meta_id	perim_u_d
perimeter	user_flag				

---

<b>ENTITY TYPE NAME</b>	<b>pollution_source_site</b>	
<b>ENTITY CLASS NAME</b>	env_haz_general_pollution	<b>OBJECT TYPE</b> Point/Polygon

**DEFINITION** Site which contributes pollution to the environment (e.g., agricultural cropland).

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazproj_id	hazsite_id	hcorrect_d	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter	pol_src_d	polnsp_id
rem_req_d	rem_urg_d	remtype_d	user_flag		

---

<b>ENTITY TYPE NAME</b>	<b>radioactive_waste_polluted_air_area</b>	
<b>ENTITY CLASS NAME</b>	env_haz_air_pollution	<b>OBJECT TYPE</b> G/GT Polygon

**DEFINITION** Area where radioactive waste residues are present in the air at concentrations considered to be detrimental to the environment.

---

### Attributes

airrad_id	area_size	area_u_d	comments	coord_id	datalink
ehaoc_id	ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	pol_src_d	radcat_d	rem_req_d	rem_urg_d	remtype_d

---

<b>ENTITY TYPE NAME</b>	<b>radioactive_waste_polluted_groundwater_area</b>	
<b>ENTITY CLASS NAME</b>	env_haz_groundwater_pollution	<b>OBJECT TYPE</b> G/GT Polygon

**DEFINITION** Area where radioactive waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.

---

## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	gwtrad_id	hazproj_id	hazsite_id
hcorrect_d	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	pol_src_d	radcat_d	rem_req_d	rem_urg_d	remtype_d

---

**ENTITY TYPE NAME** radioactive\_waste\_polluted\_sediment\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where radioactive waste residues are present in the sediment at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	radcat_d	rem_req_d	rem_urg_d	remtype_d	sedrad_id

---

**ENTITY TYPE NAME** radioactive\_waste\_polluted\_soil\_area

**ENTITY CLASS NAME** env\_haz\_soil\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where radioactive waste residues are present in the soil at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	radcat_d	rem_req_d	rem_urg_d	remtype_d	soirad_id

---

**ENTITY TYPE NAME** radioactive\_waste\_polluted\_surface\_water\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution

**OBJECT TYPE** G/GT Polygon

**DEFINITION** Area where radioactive waste residues are present in the surface water at concentrations considered to be detrimental to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d
instln_id	map_id	media_id	meta_id	perim_u_d	perimeter
pol_src_d	radcat_d	rem_req_d	rem_urg_d	remtype_d	swtrad_id

## Environmental Hazards: Entity Types and Attributes

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<b>ENTITY TYPE NAME</b>	regulated_aboveground_storage_tank_point											
<b>ENTITY CLASS NAME</b>	env_haz_regulated_tank_manage		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	A receptacle or chamber used for storing bulk fuels or chemicals of which 90 percent or more is located above the surface of the ground.											
<hr/>												
<b>Attributes</b>												
comments	coord_id	datalink	envast_id	facil_id	grid_value							
hazsite_id	instln_id	map_id	media_id	meta_id								
<hr/>												
<b>ENTITY TYPE NAME</b>	regulated_storage_tank_farm_area											
<b>ENTITY CLASS NAME</b>	env_haz_regulated_tank_manage		<b>OBJECT TYPE</b>	G/GT Polygon								
<b>DEFINITION</b>	A defined or bounded geographical area where regulated storage tanks are located.											
<hr/>												
<b>Attributes</b>												
area_size	area_u_d	coord_id	datalink	facil_id	grid_value							
hazsite_id	instln_id	map_id	media_id	meta_id	perim_u_d							
perimeter	tnk_frm_id	user_flag										
<hr/>												
<b>ENTITY TYPE NAME</b>	regulated_underground_storage_tank_point											
<b>ENTITY CLASS NAME</b>	env_haz_regulated_tank_manage		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	A receptacle or chamber used for storing bulk fuels or chemicals of which 10 percent or more is located beneath the surface of the ground.											
<hr/>												
<b>Attributes</b>												
comments	coord_id	datalink	eh_tank	envust_id	facil_id							
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id							
owner	regulat_d	sec_cont_d	soil_d	status_d	tank_sys_d							
<hr/>												
<b>ENTITY TYPE NAME</b>	remediation_incinerator											
<b>ENTITY CLASS NAME</b>	env_haz_pollution_remediation		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	The location of a pollution remediation incinerator.											
<hr/>												
<b>Attributes</b>												
comments	coord_id	datalink	hazsite_id	instln_id	map_id							
media_id	meta_id	rincin_id										
<hr/>												
<b>ENTITY TYPE NAME</b>	remediation_thermal_desorption_unit											
<b>ENTITY CLASS NAME</b>	env_haz_pollution_remediation		<b>OBJECT TYPE</b>	Point								
<b>DEFINITION</b>	The location of a pollution remediation thermal desorption unit.											
<hr/>												

## Environmental Hazards: Entity Types and Attributes

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### Attributes

comments	coord_id	datalink	hazsite_id	instln_id	map_id
media_id	meta_id	rtherm_id			

---

**ENTITY TYPE NAME** sediment\_pollution\_isoline\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the sediment which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	parlabel_d	parval	perim_u_d	perimeter
pval uom_d	sediso_id				

---

**ENTITY TYPE NAME** sediment\_pollution\_plume\_area

**ENTITY CLASS NAME** env\_haz\_sediment\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the sediment which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered dangerous to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	parlabel_d	parval	perim_u_d	perimeter
plume_d	pmatrix_d	pval uom_d	sedplu_id		

---

**ENTITY TYPE NAME** soil\_pollution\_isoline\_area

**ENTITY CLASS NAME** env\_haz\_soil\_pollution **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the soil which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	parlabel_d	parval	perim_u_d	perimeter
pval uom_d	soiiso_id				

## Environmental Hazards: Entity Types and Attributes

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<b>ENTITY TYPE NAME</b>	soil_pollution_plume_area				
<b>ENTITY CLASS NAME</b>	env_haz_soil_pollution				<b>OBJECT TYPE</b> G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the soil which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	ehaoc_id
ehzone_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	parlabel_d	parval	perim_u_d	perimeter
plume_d	pmatrix_d	pval uom_d	soiplu_id		

---

<b>ENTITY TYPE NAME</b>	solid_waste_compactor_point				
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<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management				<b>OBJECT TYPE</b> Point
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**DEFINITION** A receptacle or structure containing a device which compresses solid waste.

---

### Attributes

buildng_id	comments	datalink	facil_id	grid_value	hazsite_id
instln_id	map_id	media_id	meta_id	swmcom_id	

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<b>ENTITY TYPE NAME</b>	solid_waste_composting_facility_point				
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<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management				<b>OBJECT TYPE</b> Point
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**DEFINITION** A receptacle or structure specifically designed and operated for the purpose of reducing solid waste to decayed organic matter.

---

### Attributes

area_u_d	bldg_elev	building_a	building_l	building_w	buildng_id
cfa_cat_d	comments	cond_d	concret_id	coord_id	datalink
date_acqrd	date_instl	date_last	dim_u_d	dispostn_d	dnproc_tim
dnproc_vol	elv_u_d	env_reg_d	facil_id	facility_a	facility_l
facility_w	grid_value	hazsite_id	instln_id	map_id	media_id
meta_id	own_stat_d	owner_d	owner_ty_d	permit_no	permit_s_d
reg_agency	reg_type_d	swmcfa_id	swmdis_d	time_u_d	user_flag
vol_u_d					

---

<b>ENTITY TYPE NAME</b>	solid_waste_dump_area				
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<b>ENTITY CLASS NAME</b>	env_haz_solid_waste_management				<b>OBJECT TYPE</b> G/GT Polygon
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**DEFINITION** Any discernible unit at which solid wastes have been discarded or disposed of at any time, which was not specifically designed, managed, and/or permitted for such purpose.

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	epa_desig
facil_id	grid_value	hazproj_id	hazsite_id	hcorrect_d	instln_id
map_id	media_id	meta_id	perim_u_d	perimeter	pol_src_d
rem_req_d	rem_urg_d	remtype_d	stor_typ_d	swmswd_id	user_flag
waste_id					

---

**ENTITY TYPE NAME** solid\_waste\_incinerator\_point

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** Point

**DEFINITION** Furnace or container for disposal of solid waste by burning at high temperature.

---

### Attributes

buildng_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	incclass_d	instln_id	map_id	media_id	meta_id
permit_no	permit_s_d	swminc_id			

---

**ENTITY TYPE NAME** solid\_waste\_landfill\_area

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** G/GT Polygon

**DEFINITION** A facility or site, permitted by a regulatory authority, which is specifically designed and managed for the land disposal of solid waste.

---

### Attributes

aquif_id	area_size	area_u_d	bailed_d	brw_pit_d	close_date
comments	cond_d	coord_id	datalink	date_acqrq	date_instl
date_last	disp_pit_d	dispostn_d	elv_u_d	env_reg_d	epa_desig
facil_id	fill_rate	gdw_elev	grid_value	hazproj_id	hazsite_id
hcorrect_d	in_avg	instln_id	lbot_elev	lfclass_d	lfldis_d
lnd_name	ltop_elev	map_id	media_id	meta_id	observ_id
oth_waste	own_stat_d	owner_d	owner_ty_d	pcnt_full	pcnt_moist
perim_u_d	perimeter	permit_exp	permit_no	permit_s_d	pol_src_d
pownner_s_d	pred_wst_d	prev_name	prev_owner	prev_wind	proj_id
rate_u_d	reg_agency	reg_type_d	rem_req_d	rem_urg_d	remtype_d
sol_wst_d	strat_unit	swmlfl_id	user_flag	vol_capac	vol_prsnt
vol_u_d					

---

**ENTITY TYPE NAME** solid\_waste\_material\_recovery\_facility\_point

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** Point

**DEFINITION** A receptacle or structure where solid waste materials are collected for recycling.

## Environmental Hazards: Entity Types and Attributes

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### Attributes

buildng_id	comments	datalink	facil_id	grid_value	hazsite_id
instln_id	map_id	media_id	meta_id	swmmcf_id	

---

**ENTITY TYPE NAME** solid\_waste\_stockpile\_area

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Area used for short term collection and storage of solid waste prior to its transfer to a disposal or treatment facility.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id
perim_u_d	perimeter	swmsws_id			

---

**ENTITY TYPE NAME** solid\_waste\_transfer\_station\_point

**ENTITY CLASS NAME** env\_haz\_solid\_waste\_management      **OBJECT TYPE** Point

**DEFINITION** Area or structure where solid waste is transferred from a collection truck or receptacle to another truck or receptacle for transporting to a disposal or treatment facility.

---

### Attributes

buildng_id	comments	datalink	facil_id	grid_value	hazsite_id
instln_id	map_id	media_id	meta_id	swmswt_id	

---

**ENTITY TYPE NAME** spillContainment\_feature\_area

**ENTITY CLASS NAME** env\_haz\_emergency\_preparedness      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Device or feature prepositioned or constructed at a potential spill/release location for the purpose of containing a potential spill. This includes the orientation of booms on the water and fixed berms on the land.

---

### Attributes

area_size	area_u_d	buildng_id	comments	coord_id	datalink
empscf_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	perim_u_d	perimeter		

---

**ENTITY TYPE NAME** spillContainment\_tank\_point

**ENTITY CLASS NAME** env\_haz\_emergency\_preparedness      **OBJECT TYPE** Point

**DEFINITION** Receptacle or chamber constructed at a potential spill/release location for the purpose of containing a potential spill..

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

buildng_id	comments	coord_id	datalink	empsct_id	facil_id
grid_value	hazsite_id	instln_id	map_id	media_id	meta_id

---

**ENTITY TYPE NAME** spill\_response\_feature\_point

**ENTITY CLASS NAME** env\_haz\_emergency\_preparedness      **OBJECT TYPE** Point

**DEFINITION** Equipment, measures, or devices to be used in response to a spill emergency or preventative devices.

---

### Attributes

buildng_id	comments	coord_id	datalink	dim_u_d	empsrf_id
equip_type	facil_id	feat_desc	feat_leng	feat_width	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	user_flag

---

**ENTITY TYPE NAME** spill\_response\_staging\_area

**ENTITY CLASS NAME** env\_haz\_emergency\_preparedness      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Location of prepositioned equipment that is used to respond to a spill or release.

---

### Attributes

area_size	area_u_d	buildng_id	comments	coord_id	datalink
empsrs_id	equip_desc	equip_qty	equip_type	facil_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	perim_u_d
perimeter	purch_date	user_flag			

---

**ENTITY TYPE NAME** superfund\_site

**ENTITY CLASS NAME** env\_haz\_site\_management      **OBJECT TYPE** Point/Polygon

**DEFINITION** A site designated by the Environmental Protection Agency as a National Priority List site.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	epa_cat_d
facil_id	grid_value	hazsite_id	instln_id	latitude	longitude
map_id	media_id	meta_id	perim_u_d	perimeter	sitename
sitepa_id					

---

**ENTITY TYPE NAME** surface\_water\_pollution\_isoline\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the surface water which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).

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## Environmental Hazards: Entity Types and Attributes

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### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	parlabel_d	parval	perim_u_d	perimeter
pval uom_d	swtiso_id				

---

**ENTITY TYPE NAME** surface\_water\_pollution\_plume\_area

**ENTITY CLASS NAME** env\_haz\_surface\_water\_pollution      **OBJECT TYPE** G/GT Polygon

**DEFINITION** Line on either a two or three dimensional plane in the surface water which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.

---

### Attributes

area_size	area_u_d	comments	coord_id	datalink	chaoc_id
ehzone_id	facil_id	grid_value	hazsite_id	instln_id	map_id
media_id	meta_id	parlabel_d	parval	perim_u_d	perimeter
plume_d	pmatrix_d	pval uom_d	swtplu_id		

---

**ENTITY TYPE NAME** surface\_water\_quality\_monitoring\_station

**ENTITY CLASS NAME** env\_haz\_characterization      **OBJECT TYPE** Point

**DEFINITION** Equipment installed at predetermined location for the automatic or manual periodic collection of samples for monitoring the environmental quality of surface water.

---

### Attributes

chaswm_id	comments	coord_id	datalink	facil_id	grid_value
hazsite_id	instln_id	map_id	media_id	meta_id	sam_pt_id

---

**ENTITY TYPE NAME** washdown\_water\_tank\_point

**ENTITY CLASS NAME** env\_haz\_general      **OBJECT TYPE** Point

**DEFINITION** A receptacle for collecting water from equipment cleaning and decontamination operations.

---

### Attributes

buildng_id	comments	cond_d	coord_id	datalink	date_acqr
date_instl	date_last	dim_u_d	dispostn_d	facil_id	genwwt_id
grid_value	hazproj_id	hazsite_id	instln_id	manuf_id	map_id
mat_d	media_id	meta_id	model_no	own_stat_d	owner_d
owner_ty_d	tank_dia	tank_lgth	tank_lvol	tank_width	vol_u_d